

Remarks

This Amendment represents a sincere effort to respond to all of the issues raised in the Office Action of April 1, 2004, and to place the claims in condition for allowance or to reduce the issues for appeal and place the claims in better form for appeal.

Status of the Claims

In the application, Claims 1-22 are the only pending claims. All of these claims have been amended in response to the office action. Claims 9, 10 and 22 have been cancelled. This represents a sincere effort to advance the prosecution of this application.

In the Office Action of April 1, 2004, claims 3 and 22 were rejected under 35 USC 102 over U.S. Patent No. 6,598,167, of Devind et al. ("Devine").

In the Office Action, claims 3 and 22 were rejected under 35 USC 103 over U.S. Patent No. 6,598,167, of Devind et al. ("Devine") in combination with U.S. Patent No. 6,128,657, of Okanoya et al. ("Okanoya").

Applicant's invention

Generally, the invention is directed to a system for facilitating communication between a web browser and an application server via an intermediate webserver and for preventing unauthorized attacks of browser attacks directed to an application server. The system includes a webserver configured to communicate with a network and maintain information related to the authorization of browser requests to prevent multiple unauthorized browser attacks directed to an application server. Such unauthorized attacks by multiple browser requests can be detrimental to a system providing access to application servers. The webserver includes an application server interface for communicating with an application server and a network interface for communicating with entities via a network. The invention further includes a state server configured to store data related to communication sessions occurring among a web browser, a webserver and an application server, the state server including a communication interface configured to communicate with the webserver. In operation, the application server interface is configured to communicate with an application server. The application server interface includes a mechanism for receiving a signal from an application server indicating an authorization to communicate with the application server. A load balancing

device is configured to receive browser requests among a plurality of web servers. And, the load balancing device is further configured to screen the browser requests according to predetermined criteria including preauthorization indicia. Thus, unauthorized browser requests are prevented from making an unfriendly attack to the system.

The Office Action of April 1, 2004, and cited References

In the Office Action of September 21, 2004, claims 3 and 22 were rejected under 35 USC 102 over U.S. Patent No. 6,598,167, of Devine et al. ("Devine"). The office action stated that Devine did not disclose a monitoring mechanism. In response, applicant has amended the claims to include such a mechanism and details in which it operates.

Claims 1 and now read as follows:

1. (Amended) A system for facilitating communication between a web browser and an application server via an intermediate webserver and for preventing unauthorized attacks of browser attacks directed to an application server, comprising:

a webserver configured to communicate with a network and maintain information related to the authorization of browser requests to prevent multiple unauthorized browser attacks directed to an application server, the webserver having an application server interface for communicating with an application server and a network interface for communicating with entities via a network; [and]

a state server configured to store data related to communication sessions occurring among a web browser, a webserver and an application server, the state server including a communication interface configured to communicate with the webserver;

[an] wherein the application server interface is configured to communicate with an application server, the application server interface including a mechanism for receiving a signal from an application server indicating an authorization to communicate with the application server, the application server interface further configured to monitor the session between an application server and a browser; and

a load balancing device configured to receive browser requests among a plurality of web servers, wherein the load balancing device is further configured to screen the browser requests according to predetermined criteria including preauthorization indicia, wherein browser requests are prevented from making an unfriendly attack to the system.

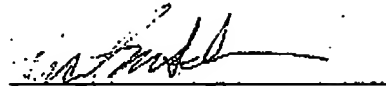
Accordingly, applicant submits that the rejections of Claims 1 and 2 are obviated by the amendments.

In the Office Action, claims 3 and 22 were rejected under 35 USC 103 over U.S. Patent No. 6,598,167, of Devine et al. ("Devine") in combination with U.S. Patent No. 6,128,657, of Okanoya et al. ("Okanoya"). In response, Applicant has amended claims 3-22, along with Claims 1 and 2 above to include the limitations directed to the prevention of browser request attacks on an application sever. Support is found in the

specification on pages 12-14, and no new matter has been added. Neither Devine nor Okanoya, either individually or in combination, disclose or suggest the claimed invention as now claimed according to the above amendment.

In summary, the claimed invention, with the claims as now amended, is not disclosed, taught or suggested by the cited references, either individually or in combination, nor is the claimed invention obvious in light of these references. Accordingly, the claims as amended are in condition for allowance, and such allowance is respectfully requested. If there are any further impediments to allowance, the examiner is invited to call the undersigned for a telephone conference to discuss any remaining issues.

Sincerely,


Richard Goldman
Reg. No.: 25,585

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Stevens Law Group, PC
P.O. Box 1667
San Jose, CA 95109
Tel (408) 288-7588
Fax (408) 288-7542